

K1526LC SERIES

Low Cost Surface Mount VCOs

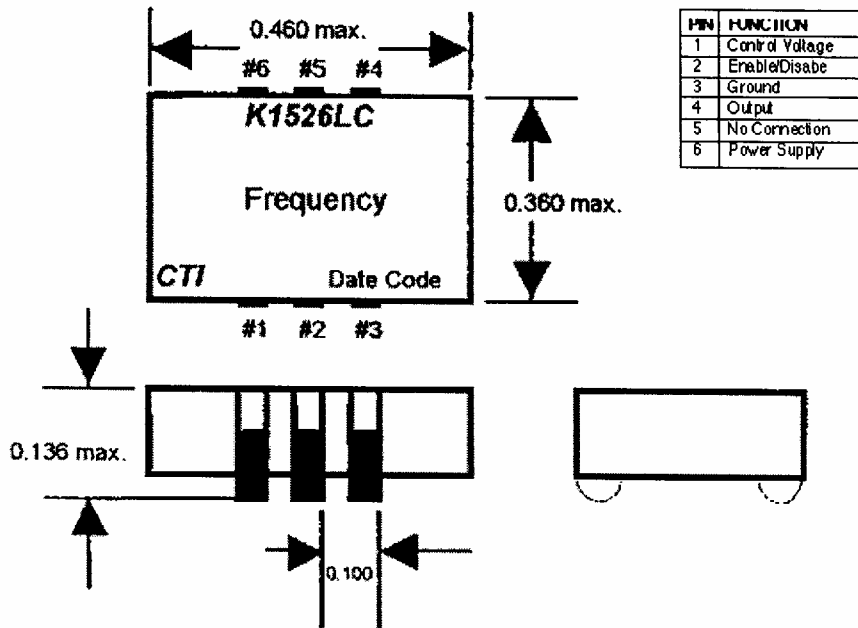
- ▲ 2.0 MHz to 40.0 MHz Frequency Range
- ▲ 0.5V to 4.5V Control Voltage
- ▲ Enable/Disable Function Option for Automatic Testing
- ▲ -40°C to 85°C Operating Temperature
- ▲ Tape and Reel
- ▲ General PLL Applications
- ▲ Small Package Size
- ▲ Substantial Savings Possible for Many Applications

Samples Available

| ELECTRICAL SPECIFICATIONS (Preliminary) | |
|---|---------------|
| Parameters | |
| Frequency Range (MHz) | 2.0 to 40.0 |
| Operating Temperature | -40°C to 85°C |
| Frequency Control Function | |
| Nominal Control Voltage | +2.5V |
| Voltage Control Range | .05V to 4.5V |
| Minimum Tuning Limit (MTL)* | ±50 ppm |
| Total Pull Range (Typical) | ±120 ppm |
| Linearity | <20% |
| Modulation Bandwidth | >20 KHz |
| Transfer Function | Positive |
| Input Impedance | >50Ω @ 10KHz |
| Supply Voltage | 5V ± 5% |
| Input Current | <26 mA |
| Output | TTL/CMOS |

*MTL > (Total Pull Range) - Frequency variations due to calibration, temperature, power supply, and aging

MECHANICAL DIMENSIONS



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